


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| | | | |
|--|------|---|--|
| <p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <h2 style="text-align: center;">FEE TRANSMITTAL</h2> <h3 style="text-align: center;">For FY 2008</h3> | | <p>Complete if Known</p> <p>Application Number 10/565,656-Conf. #7510</p> <p>Filing Date June 26, 2006</p> <p>First Named Inventor Frank SCHIEWECK</p> <p>Examiner Name E. A. Leaser</p> <p>Art Unit 1624</p> <p>Attorney Docket No. 4266-0124PUS1</p> | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | | |
| TOTAL AMOUNT OF PAYMENT | (\$) | 1,752.00 | |

| | | | |
|---|--|--|--|
| <p>METHOD OF PAYMENT (check all that apply)</p> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ </p> <p> <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: Birch, Stewart, Kolasch & Birch, </p> <p>For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee </p> <p> <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments </p> | | | |
|---|--|--|--|

| <p>FEE CALCULATION</p> <p>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</p> <table border="1"> <thead> <tr> <th rowspan="2">Application Type</th> <th colspan="2">FILING FEES</th> <th colspan="2">SEARCH FEES</th> <th colspan="2">EXAMINATION FEES</th> <th rowspan="2">Fees Paid (\$)</th> </tr> <tr> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td>310</td> <td>155</td> <td>510</td> <td>255</td> <td>210</td> <td>105</td> <td></td> </tr> <tr> <td>Design</td> <td>210</td> <td>105</td> <td>100</td> <td>50</td> <td>130</td> <td>65</td> <td></td> </tr> <tr> <td>Plant</td> <td>210</td> <td>105</td> <td>310</td> <td>155</td> <td>160</td> <td>80</td> <td></td> </tr> <tr> <td>Reissue</td> <td>310</td> <td>155</td> <td>510</td> <td>255</td> <td>620</td> <td>310</td> <td></td> </tr> <tr> <td>Provisional</td> <td>210</td> <td>105</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> </tbody> </table> <p>2. EXCESS CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Small Entity Fee (\$)</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Each claim over 20 (including Reissues)</td> <td>50</td> <td>25</td> </tr> <tr> <td>Each independent claim over 3 (including Reissues)</td> <td>210</td> <td>105</td> </tr> <tr> <td>Multiple dependent claims</td> <td>370</td> <td>185</td> </tr> </tbody> </table> <p> Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims - 20 = x = Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20. </p> <p> Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) - 3 = x = Fee (\$) Fee Paid (\$) HP = highest number of independent claims paid for, if greater than 3. </p> <p>3. APPLICATION SIZE FEE</p> <p>If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).</p> <table border="1"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/50 =</td> <td>(round up to a whole number) x</td> <td>=</td> <td></td> </tr> </tbody> </table> <p>4. OTHER FEE(S)</p> <table border="1"> <thead> <tr> <th></th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr> <td>Non-Entity Specification, \$130 fee (no small entity discount)</td> <td></td> </tr> <tr> <td>Other (e.g., late filing surcharge): 1501 Utility issue fee</td> <td>1,440.00</td> </tr> <tr> <td>1504 Publication fee for early, voluntary, or normal ...</td> <td>300.00</td> </tr> <tr> <td>8001 Printed copy of patent w/o color</td> <td>12.00</td> </tr> </tbody> </table> | | | | | | | | Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Utility | 310 | 155 | 510 | 255 | 210 | 105 | | Design | 210 | 105 | 100 | 50 | 130 | 65 | | Plant | 210 | 105 | 310 | 155 | 160 | 80 | | Reissue | 310 | 155 | 510 | 255 | 620 | 310 | | Provisional | 210 | 105 | 0 | 0 | 0 | 0 | | Fee Description | Small Entity Fee (\$) | Fee (\$) | Each claim over 20 (including Reissues) | 50 | 25 | Each independent claim over 3 (including Reissues) | 210 | 105 | Multiple dependent claims | 370 | 185 | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) | - 100 = | /50 = | (round up to a whole number) x | = | | | Fee Paid (\$) | Non-Entity Specification, \$130 fee (no small entity discount) | | Other (e.g., late filing surcharge): 1501 Utility issue fee | 1,440.00 | 1504 Publication fee for early, voluntary, or normal ... | 300.00 | 8001 Printed copy of patent w/o color | 12.00 |
|--|-----------------------|--|-------------|-----------------------|------------------|-----------------------|----------------|------------------|-------------|--|-------------|--|------------------|--|----------------|----------|-----------------------|----------|-----------------------|----------|-----------------------|---------|-----|-----|-----|-----|-----|-----|--|--------|-----|-----|-----|----|-----|----|--|-------|-----|-----|-----|-----|-----|----|--|---------|-----|-----|-----|-----|-----|-----|--|-------------|-----|-----|---|---|---|---|--|-----------------|-----------------------|----------|---|----|----|--|-----|-----|---------------------------|-----|-----|--------------|--------------|--|----------|---------------|---------|-------|--------------------------------|---|--|--|---------------|--|--|---|----------|--|--------|---------------------------------------|-------|
| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utility | 310 | 155 | 510 | 255 | 210 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | 210 | 105 | 100 | 50 | 130 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plant | 210 | 105 | 310 | 155 | 160 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reissue | 310 | 155 | 510 | 255 | 620 | 310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provisional | 210 | 105 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fee Description | Small Entity Fee (\$) | Fee (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Each claim over 20 (including Reissues) | 50 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Each independent claim over 3 (including Reissues) | 210 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multiple dependent claims | 370 | 185 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - 100 = | /50 = | (round up to a whole number) x | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fee Paid (\$) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Non-Entity Specification, \$130 fee (no small entity discount) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other (e.g., late filing surcharge): 1501 Utility issue fee | 1,440.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1504 Publication fee for early, voluntary, or normal ... | 300.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8001 Printed copy of patent w/o color | 12.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | |
|---|--|--|---|
| <p>SUBMITTED BY</p> <p>Signature </p> <p>Name (Print/Type) Andrew D. Melkie</p> | | <p>Registration No. 32,868</p> <p>(Attorney/Agent)</p> | <p>Telephone (703) 205-8000</p> <p>Date November 20, 2007</p> |
|---|--|--|---|

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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2292 7590 08/24/2007

**BIRCH STEWART KOLASCH & BIRCH, LLP
PO BOX 747
FALLS CHURCH, VA 22040-0747**

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

| |
|--------------------|
| (Depositor's name) |
| (Signature) |
| (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/565,656 | 06/26/2006 | Frank Schieweck | 5000-0149PUS1 | 7510 |

TITLE OF INVENTION: 2-SUBSTITUTED PYRIMIDINES

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 11/26/2007 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-----------------|----------|----------------|
| LEESER, ERICH A | 1624 | 514-256000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

**Birch, Stewart,
Kolasch & Birch, LLP**

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

BASE Aktiengesellschaft

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Ludwigshafen, Germany

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
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4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 02-7448 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name Andrew D. Meikle

Date November 20, 2007

Registration No. 32,868

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